

FIG.1

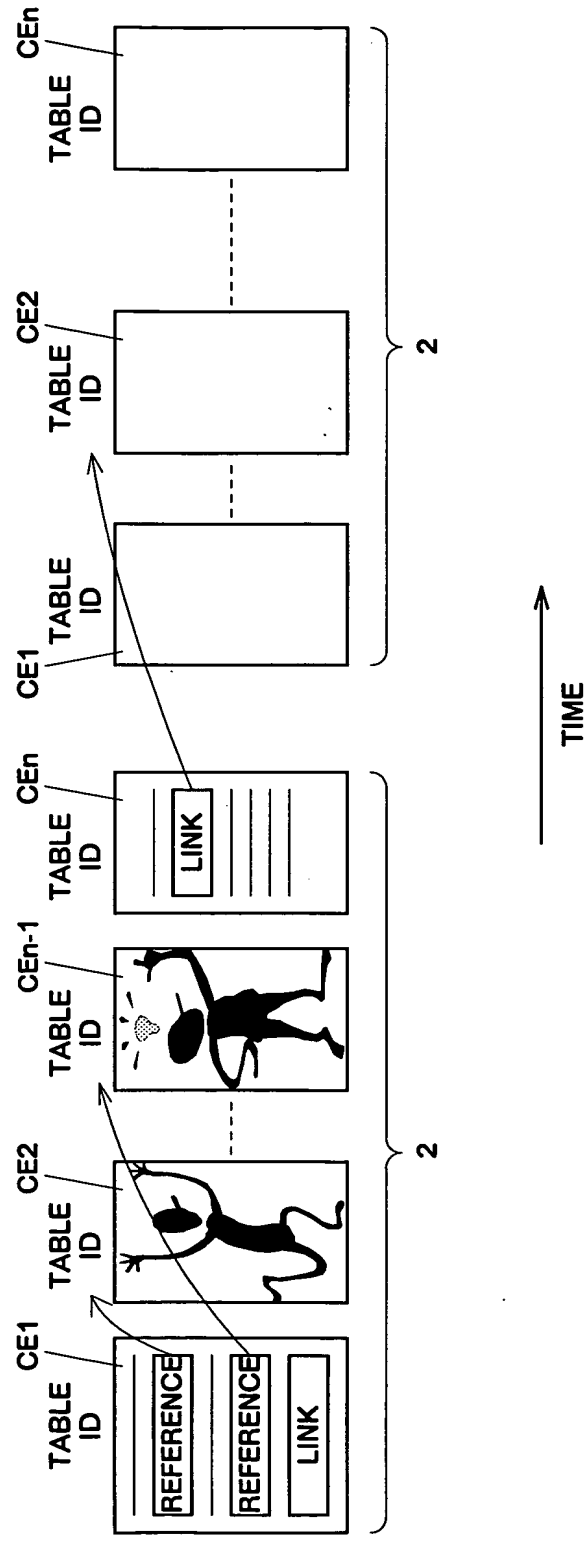


FIG.2

```
<html>
<head>
<style type="text/css">
    #img1{position:absolute;left:50px;
        top:300px;width:300px;height:500px;}
    #img2{position:absolute;left:400px;
        top:300px;width:300px;height:500px;}
    #img3{position:absolute;left:700px;
        top:300px;width:300px;height:500px;}
</style>
</head>
<body>
    <object id="img1"type="image/png"
        src= "http://www/dir A/0001/s1.png"
        alt= " THIS IMAGE IS A PNG FILE " >
    </object>
    <object id="img2"type="image/gif"
        src= "http://www/dir A/0001/s2.gif"
        alt= " THIS IMAGE IS A GIF FILE " >
    </object>
    <object id="img3"type="image/jpeg"
        src= "http://www/dir A/0001/s3.jpeg"
        alt= " THIS IMAGE IS A JPEG FILE " >
    </object>
</body>
</html>
```

Diagram illustrating the structure of an HTML document (FIG. 2) with annotations:

- 201a** points to the CSS style block.
- 201** points to the CSS style block and the body content.
- 202a** points to the first image object.
- 202** points to the first and second image objects.

FIG.3

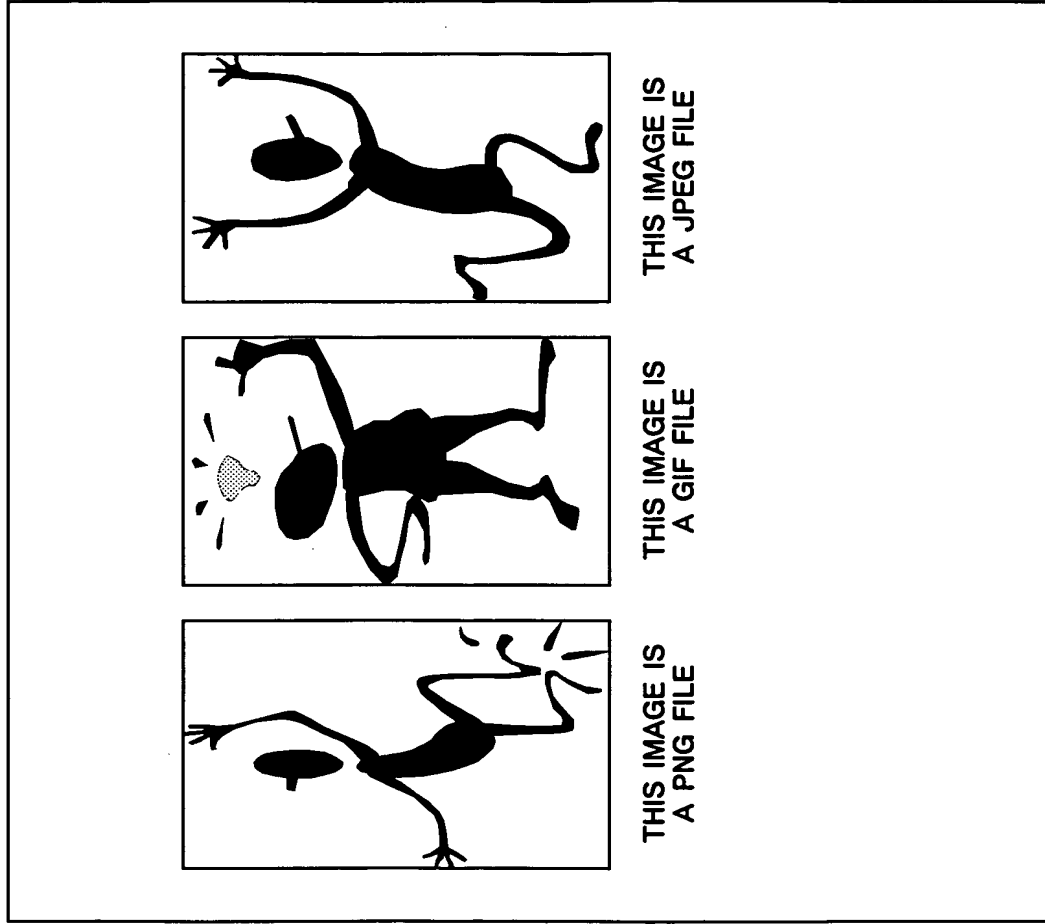


FIG.4

CONSTRUCTION OF BROADCAST DEVICE 10

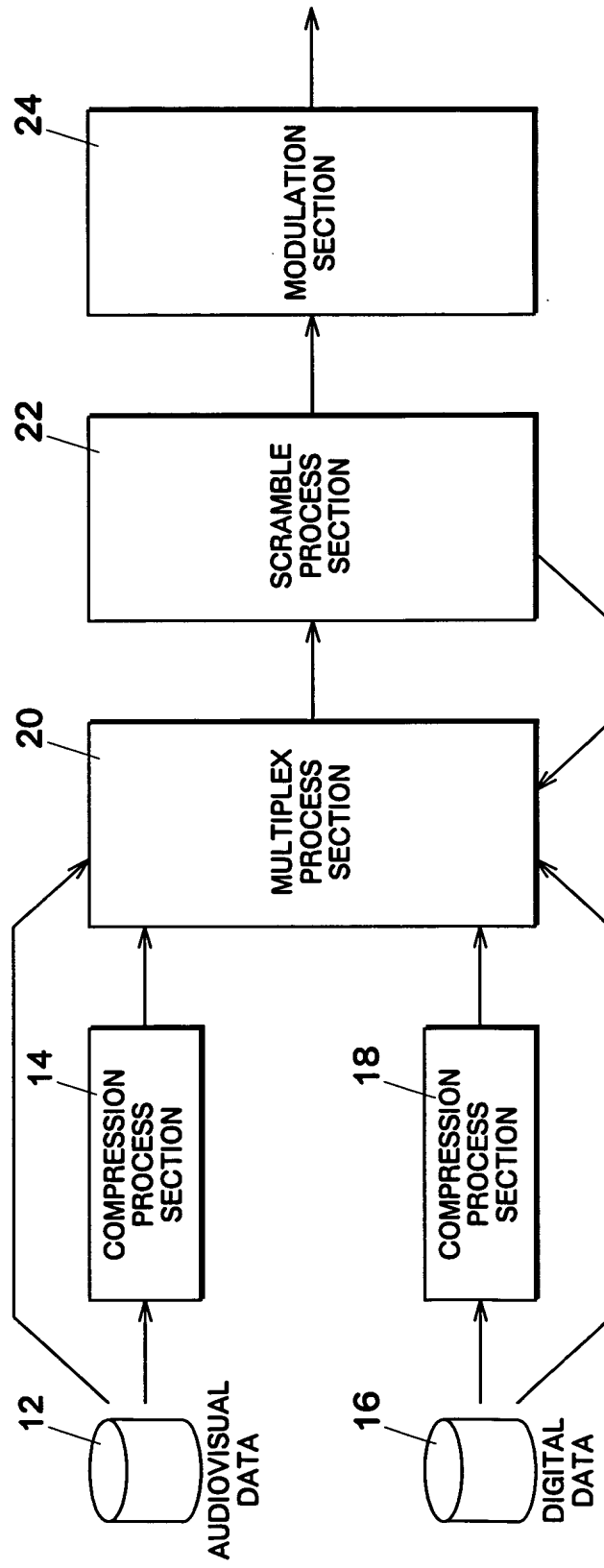


FIG.5

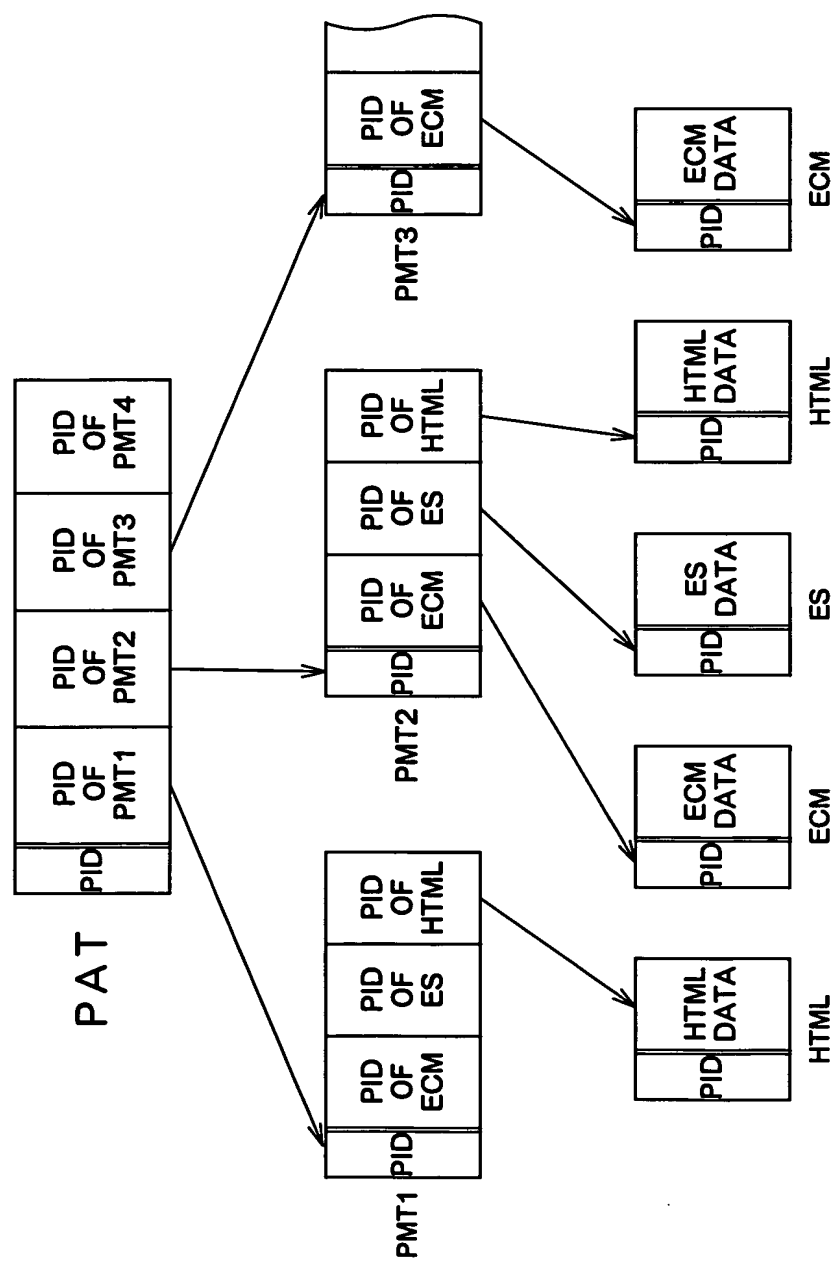


FIG.6

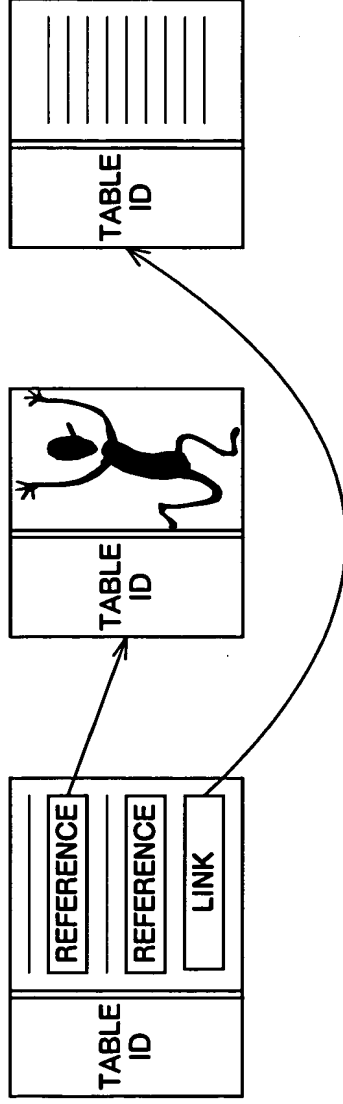


FIG.7A

CONTENTS TYPE INFORMATION

| | | | | | |
|---|---|---|---|-------|---|
| 1 | 1 | 1 | 1 | ----- | 0 |
|---|---|---|---|-------|---|

PNG XML GIF JPEG

FIG.7B

RESTORABLE CONTENTS TYPE INFORMATION

| | | | | | |
|---|---|---|---|-------|---|
| 1 | 1 | 0 | 0 | ----- | 0 |
|---|---|---|---|-------|---|

PNG XML GIF JPEG

FIG.8

PMT

| Syntax | No. of bits | Macmonic |
|----------------------------|-------------|----------|
| TS_program_map_section() { | | |
| table_id | 8 | uimbsf |
| section_syntax_indicator | 1 | bslbf |
| '(' | 1 | bslbf |
| reserved | 2 | bslbf |
| section_length | 12 | uimbsf |
| program_number | 16 | uimbsf |
| reserved | 2 | bslbf |
| version_number | 5 | uimbsf |
| current_next_indicator | 1 | bslbf |
| section_number | 8 | uimbsf |
| last_section_number | 8 | uimbsf |
| reserved | 3 | bslbf |
| PCR_PID | 13 | uimbsf |
| reserved | 4 | bslbf |
| program_info_length | 4 | bslbf |
| for (i=0; i<N; i++) { | 12 | uimbsf |
| descriptor() | | |
| } | | |
| for (i=0; i<N1; i++) { | | |
| stream_type | 8 | uimbsf |
| reserved | 3 | bslbf |
| elementary_PID | 13 | uimbsf |
| reserved | 4 | bslbf |
| ES_info_length | 12 | uimbsf |
| for (i=0; i<N2; i++) { | | |
| descriptor() | | |
| } | | |
| } | | |
| CRC_32 | 32 | rpchof |
| } | | |

50

FIG.9

DESCRIPTOR OF PMT

| DATA STRUCTURE | NUMBER OF BITS | BIT LINE DESCRIPTION |
|--|--|---|
| <pre>data_component_descriptor() { descriptor_tag descriptor_length descriptor_component_id for(i=0;i<N;i++){ <u>additional_data_component_info</u> } }</pre> | <div>8</div> <div>8</div> <div>16</div> <div>8</div> | <div>uimsbf</div> <div>uimsbf</div> <div>uimsbf</div> <div>uimsbf</div> |
| <div>↓</div> <pre>additional_html_info() { bit_flag_length for(i=0;i<bit_flag_length;i++){ bit_flag } }</pre> | <div>8</div> <div>8</div> | <div>uimsbf</div> <div>uimsbf</div> |

FIG. 10₆₀

ENTIRE CONSTRUCTION OF RECEIVING DEVICE

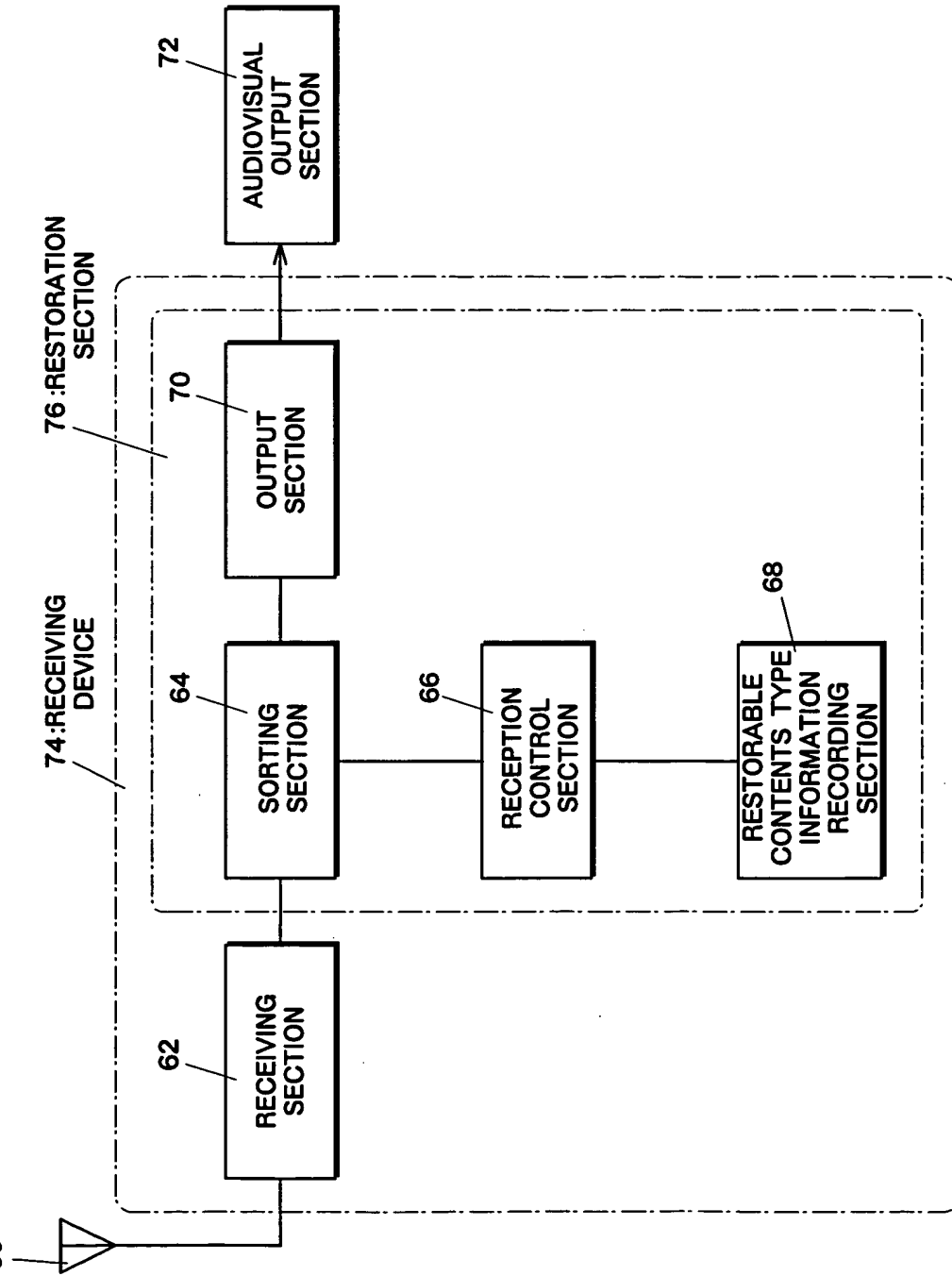


FIG.11

HARDWARE STRUCTURE OF RECEIVING DEVICE

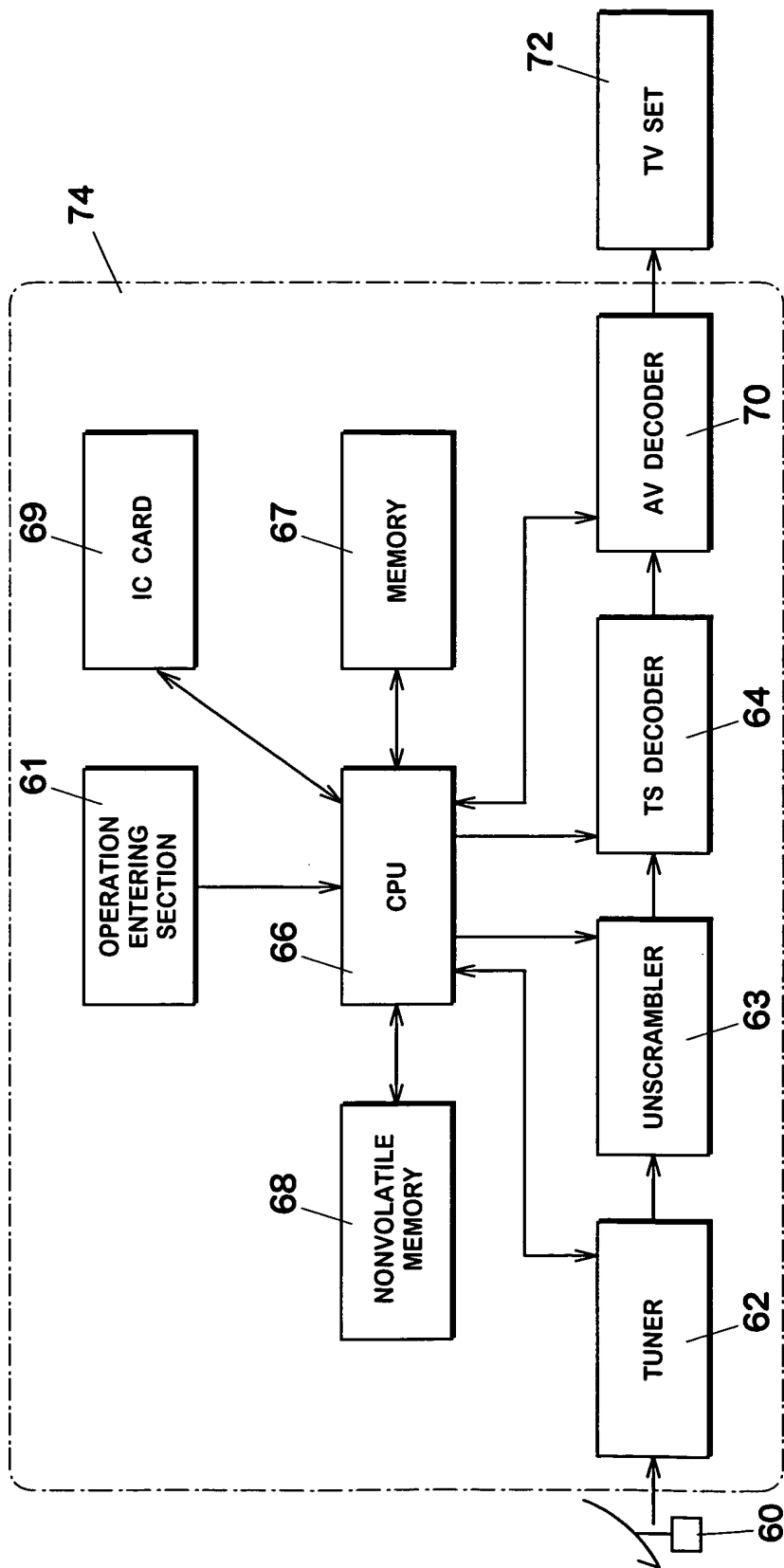


FIG.12

RECEPTION PROCESS

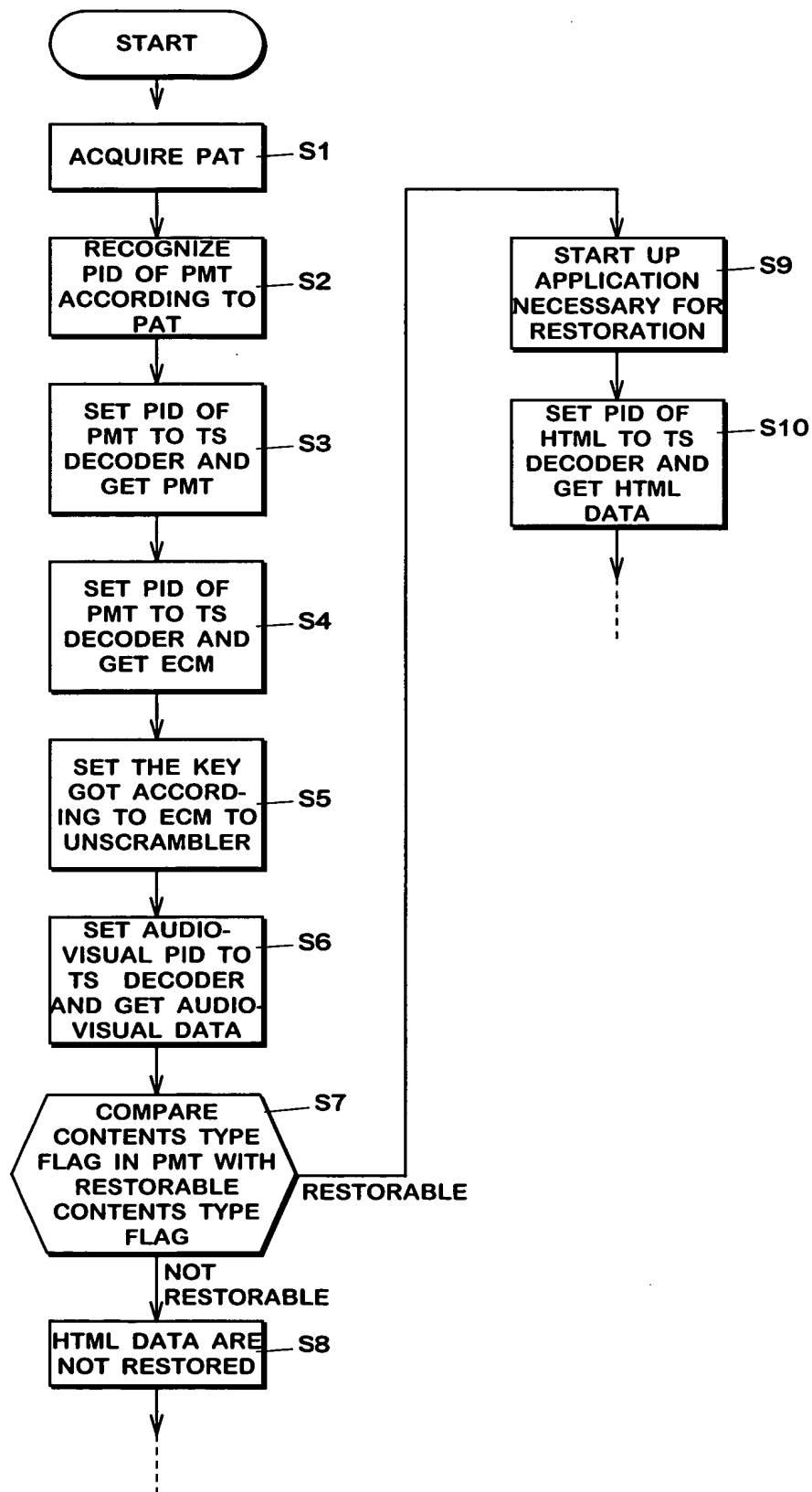


FIG.13

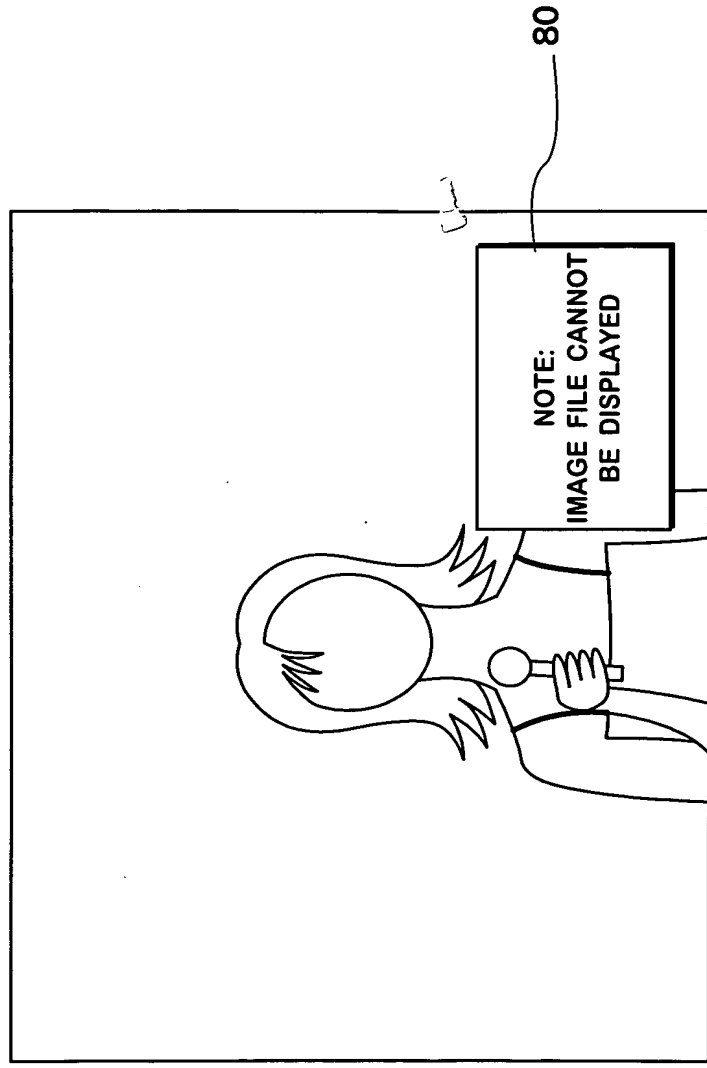


FIG.14

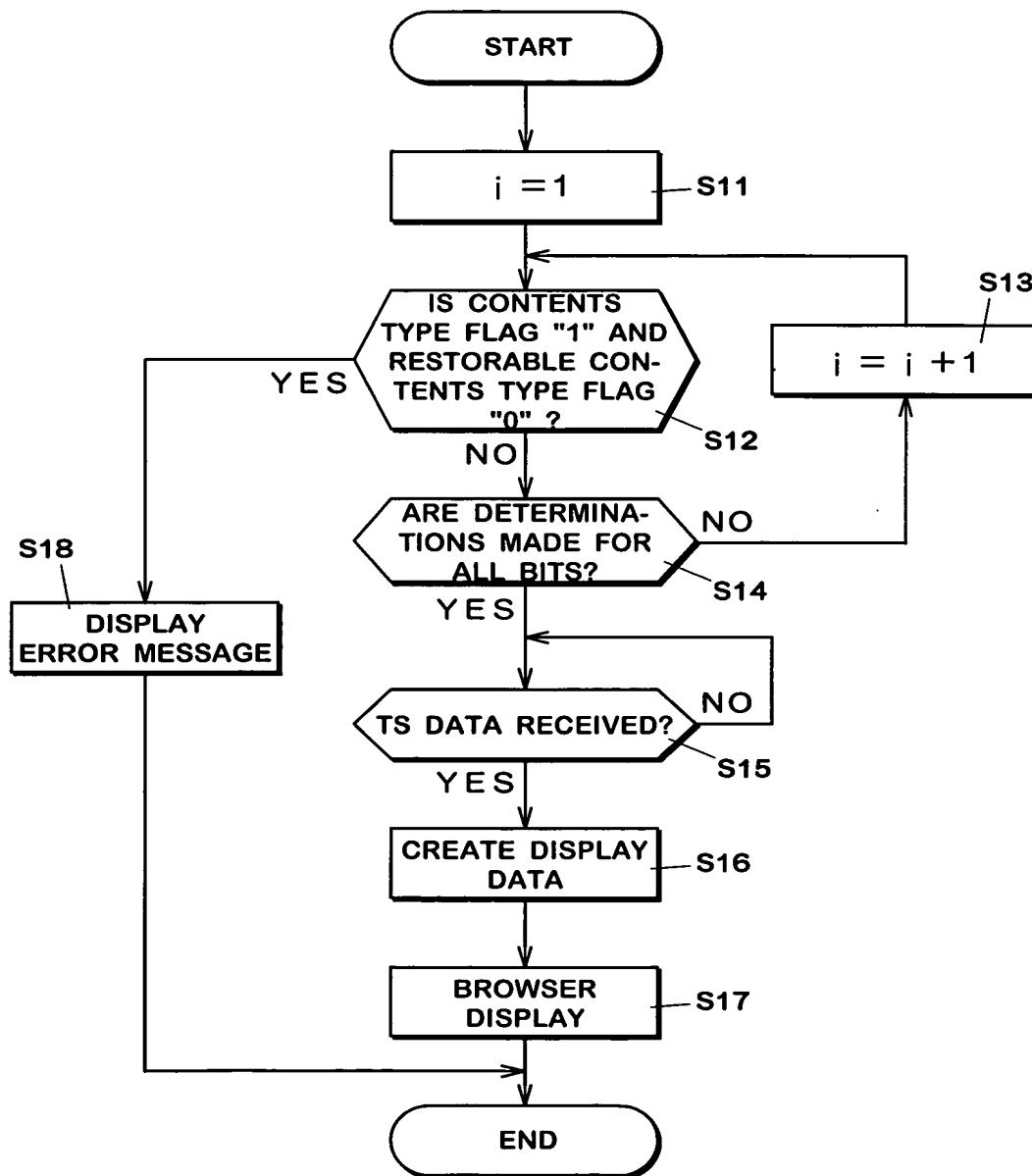


FIG.15

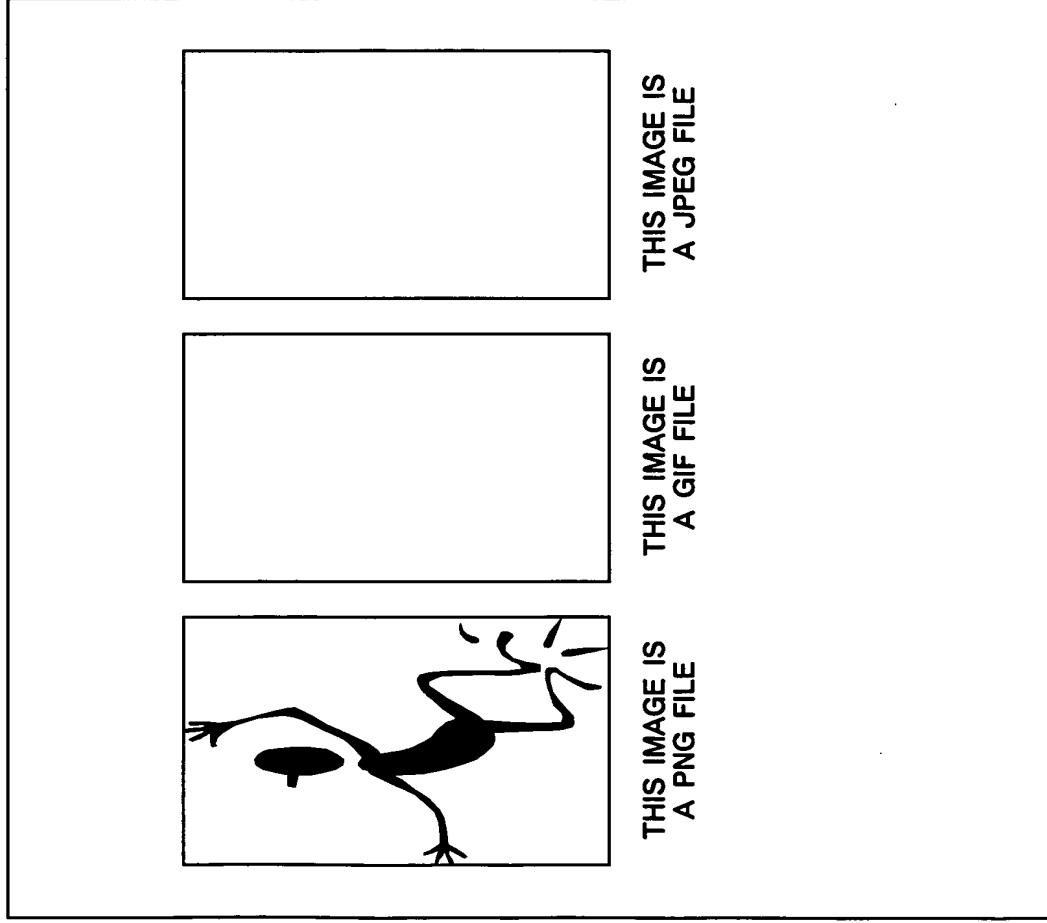


FIG.16

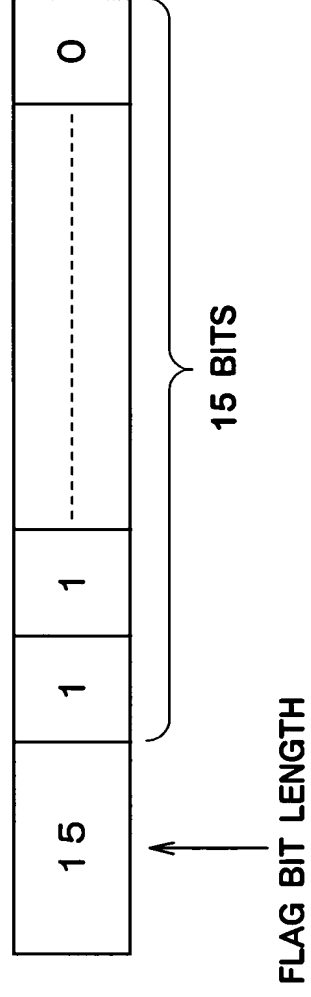


FIG.17

PNG, GIF, JPEG

FIG.18

CONTENTS TYPE INFORMATION

| | | | | | | |
|---|---|---|---|---|---|---|
| 1 | 1 | 1 | 1 | 1 | 1 | 0 |
|---|---|---|---|---|---|---|



HANDLING INFORMATION PNG XML GIF JPEG

FIG.19

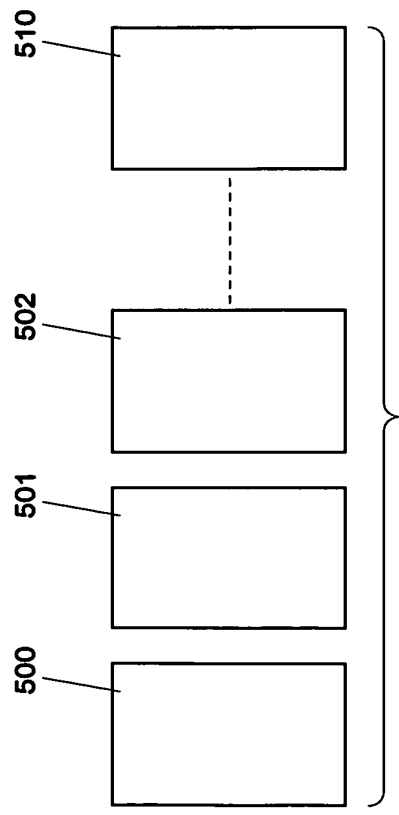


FIG.20

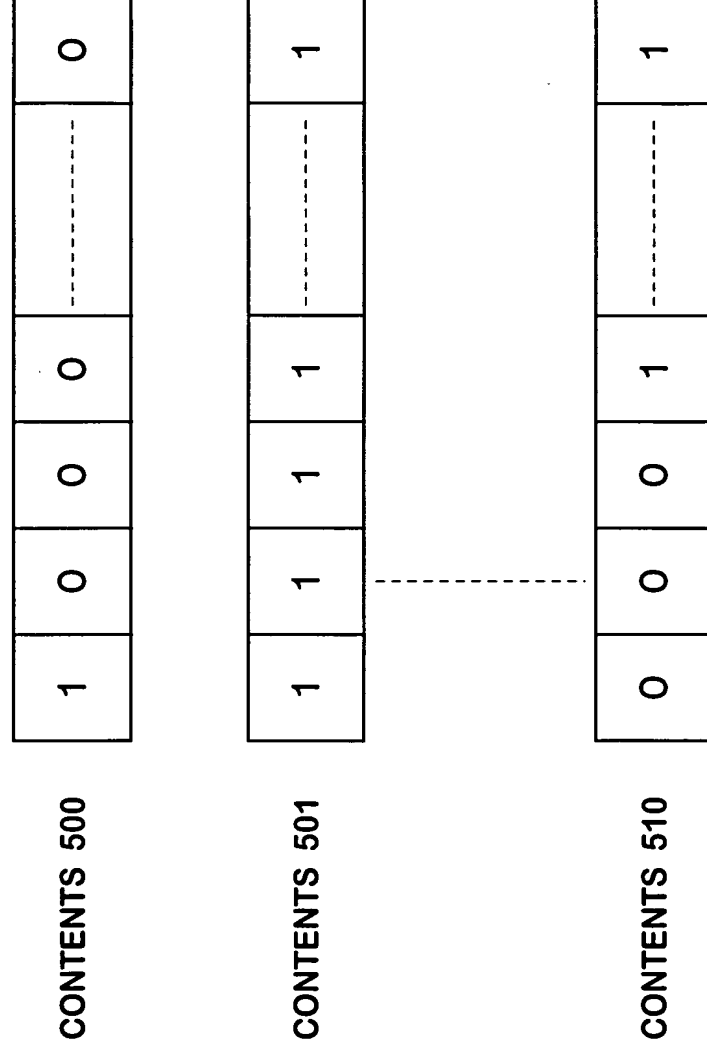


FIG.21

STRUCTURE OF DII

| DATA STRUCTURE | NUMBER OF BITS | BIT LINE DESCRIPTION |
|--|---|---|
| <pre> DownloadInfoIndication() { dsmccMessageHeader() downloadId blockSize windowSize ackPeriod tCDownloadWindow tCDownloadScenario compatibilityDescriptor() numberOfModules for (i=0; i<numberOfModules; i++) { moduleId moduleSize moduleVersion moduleInfoLength for (i=0; i<moduleInfoLength; i++) { moduleInfoByte } } privateDataLength for (i=0; i<privateDataLength; i++) { privateDataByte } } </pre> | <p>32</p> <p>16</p> <p>8</p> <p>8</p> <p>32</p> <p>32</p> <p>16</p> <p>16</p> <p>32</p> <p>8</p> <p>8</p> <p>8</p> <p>16</p> <p>8</p> | <p>uimsbf</p> <p>uimsbf</p> <p>uimsbf</p> <p>uimsbf</p> <p>uimsbf</p> <p>uimsbf</p> <p>uimsbf</p> <p>uimsbf</p> <p>uimsbf</p> <p>uimsbf</p> <p>uimsbf</p> <p>uimsbf</p> <p>uimsbf</p> <p>uimsbf</p> |
| <pre> control_data_byte() { bit_flag_length for (i=0; i<bit_flag_length; i++) { bit_flag } } </pre> | <p>8</p> <p>8</p> | <p>uimsbf</p> <p>uimsbf</p> |

FIG.22

THIRD EMBODIMENT

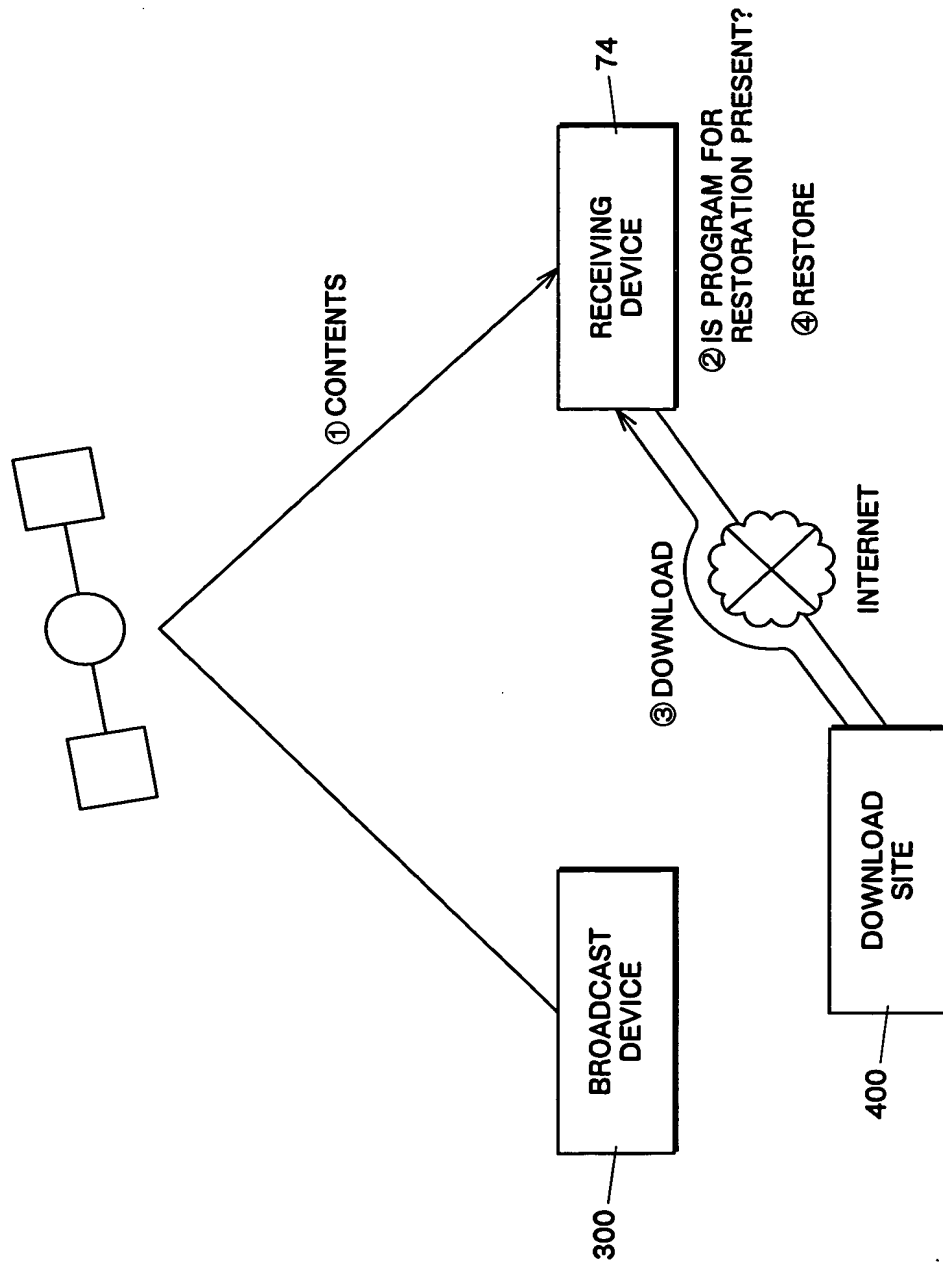


FIG.23₆₀

ENTIRE CONSTRUCTION OF RECEIVING DEVICE

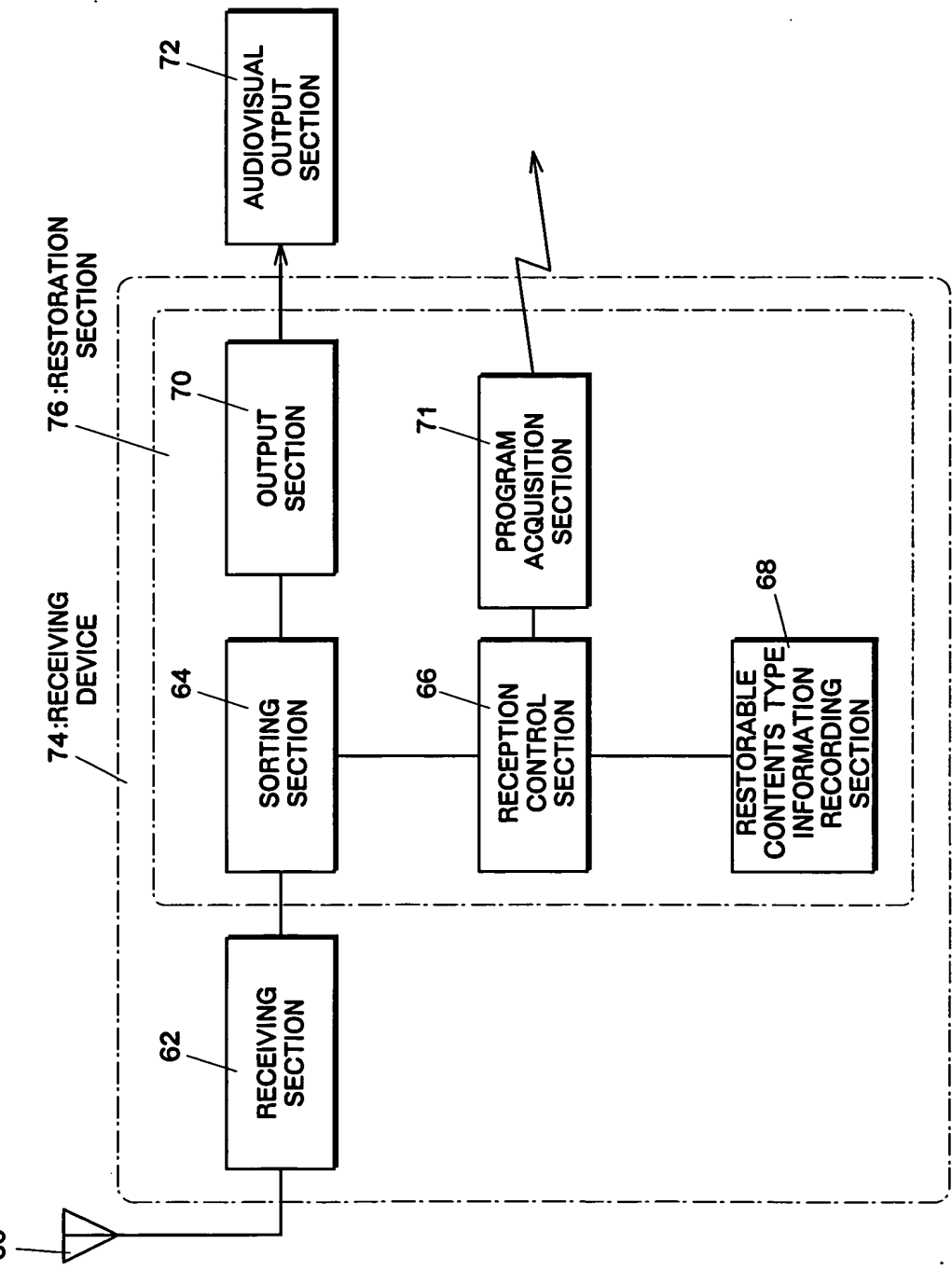


FIG.24

HARDWARE STRUCTURE OF RECEIVING DEVICE

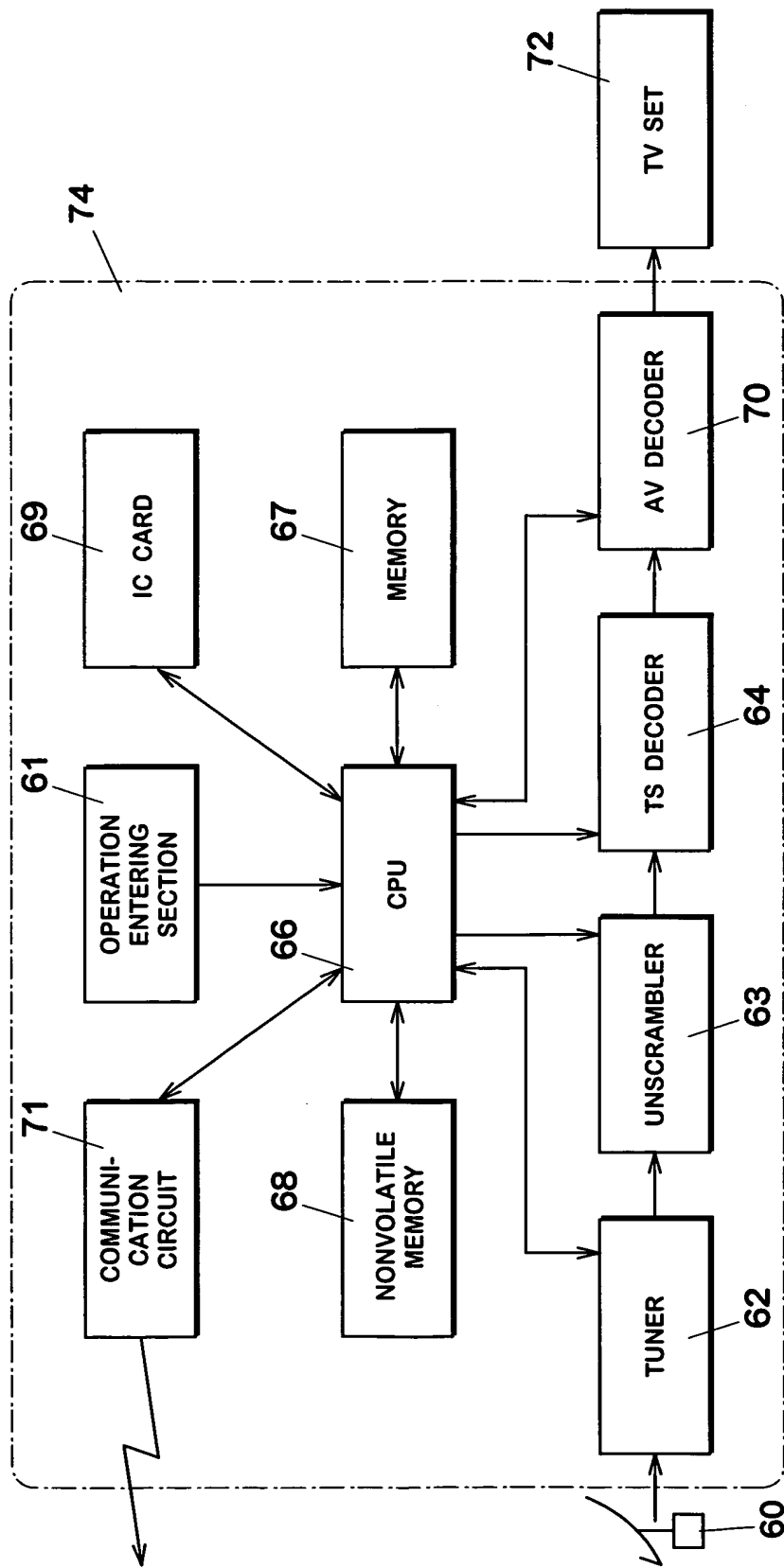


FIG.25

CONTENTS TYPE INFORMATION
AND ACQUISITION LOCATION INFORMATION

| | | |
|-----|-----|--------------------------|
| PNG | 1 | http://www.mel.co.jp/PNG |
| XML | 0 | — |
| GIF | 1 | http://www.mel.co.jp/GIF |
| | --- | --- |

FIG.26

RECEPTION PROCESS

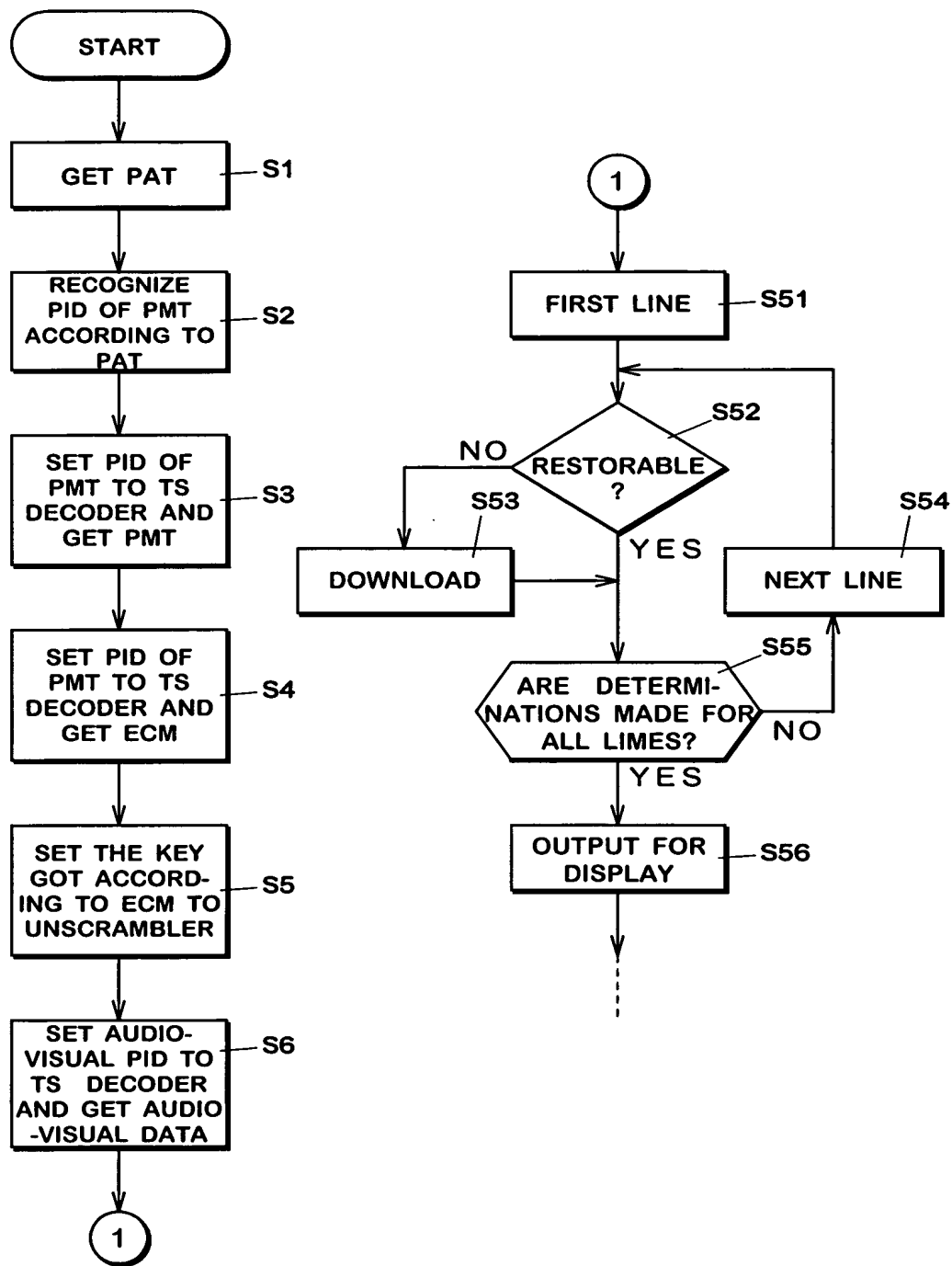


FIG.27

| CONTENTS TYPE INFORMATION | ACQUISITION LOCATION INFORMATION | NECESSARY CONDITION INFORMATION |
|---------------------------------|----------------------------------|---------------------------------------|
| PNG | http://www.mei.co.jp/PNG | 300K |
| XML | http://www.mei.co.jp/GIF | 150K |
| --- | --- | --- |

FIG.28

